Index of authors and papers to Volume 272

Abal, G., Romanelli, A., Schifino, A.C.S., Siri, R. and Donangelo, R., Accumulation of resonances in the Fermi Accelerator: a quantum route to chaos? 272 (1999) 87
Absil, P.-A., Sepulchre, R., Bilge, A. and Gérard, P., Nonlinear analysis of cardiac rhythm fluctuations using DFA method 272 (1999) 235
Abyzov, A.S., Davydov, L.N., Mchedlov-Petrosyan, P.O. and Schmelzer, J., Spinodal decomposition in systems with initially quenched fluctuations of the order parameter 272 (1999) 459
Ackerman, T.P., *see* Ivanova, K. 272 (1999) 269
Albert, R., *see* Barabási, A.-L. 272 (1999) 173
Alfaro, J., Cubero, O. and Urrutia, L.F., Quantum description of the orientational degrees of freedom in a biaxial nematic liquid 272 (1999) 314
Altenberger, A.R., Siepmann, J.I. and Dahler, J.S., A renormalization group calculation of the swelling factor for a non-ideal, randomly jointed polymer chain 272 (1999) 22
Appignanesi, G.A., Brachistochrone approach to the relaxation dynamics of complex hierarchical systems 272 (1999) 188
Ausloos, M., *see* Ivanova, K. 272 (1999) 269

Barabási, A.-L., Albert, R. and Jeong, H., Mean-field theory for scale-free random networks 272 (1999) 173
Bengrine, M., Benyoussef, A., Mhirech, F. and Zhang, S.D., Disorder-induced phase transition in a one-dimensional model of rice pile 272 (1999) 1
Benyoussef, A., *see* Bengrine, M. 272 (1999) 1
Bigalke, J., Investigation of the conductivity of random networks 272 (1999) 281
Bilge, A., *see* Absil, P.-A. 272 (1999) 235
Bénichou, O., Cazabat, A.M., Moreau, M. and Oshanin, G., Directed random walk in adsorbed monolayer 272 (1999) 56
Byrnes, G.B., Haggar, F.A. and Quispel, G.R.W., Sufficient conditions for dynamical systems to have pre-symplectic or pre-implectic structures 272 (1999) 99

Cazabat, A.M., *see* Bénichou, O. 272 (1999) 56
Chukin, A.V., *see* Skryabin, Y.N. 272 (1999) 162
Cubero, O., *see* Alfaro, J. 272 (1999) 314

Daffertshofer, A., *see* Frank, T.D. 272 (1999) 497
Dahler, J.S., *see* Altenberger, A.R. 272 (1999) 22
Davis, A.B., *see* Ivanova, K. 272 (1999) 269
Davydov, L.N., *see* Abyzov, A.S. 272 (1999) 459
Donangelo, R., *see* Abal, G. 272 (1999) 87

Eddeqaqi, N.C., Saber, M., El-Atri, A. and Kerouad, M., Phase diagram of spin-1 Ising model in a transverse crystal field 272 (1999) 144
El-Atri, A., *see* Eddeqaqi, N.C. 272 (1999) 144

Fernandez, J. and Plastino, A., Evolutive information contained in frequency spectra 272 (1999) 223
Ferreira Jr., S.C., Martins, M.L. and Vilela, M.J., A growth model for primary cancer (II). New rules, progress curves and morphology transitions 272 (1999) 245
Frachebourg, L., *see* Gruber, Ch. 272 (1999) 392

Index of authors and papers to Volume 272

Abal, G., Romanelli, A., Schifino, A.C.S., Siri, R. and Donangelo, R., Accumulation of resonances in the Fermi Accelerator: a quantum route to chaos? 272 (1999) 87
Absil, P.-A., Sepulchre, R., Bilge, A. and Gérard, P., Nonlinear analysis of cardiac rhythm fluctuations using DFA method 272 (1999) 235
Abyzov, A.S., Davydov, L.N., Mchedlov-Petrosyan, P.O. and Schmelzer, J., Spinodal decomposition in systems with initially quenched fluctuations of the order parameter 272 (1999) 459
Ackerman, T.P., *see* Ivanova, K. 272 (1999) 269
Albert, R., *see* Barabási, A.-L. 272 (1999) 173
Alfaro, J., Cubero, O. and Urrutia, L.F., Quantum description of the orientational degrees of freedom in a biaxial nematic liquid 272 (1999) 314
Altenberger, A.R., Siepmann, J.I. and Dahler, J.S., A renormalization group calculation of the swelling factor for a non-ideal, randomly jointed polymer chain 272 (1999) 22
Appignanesi, G.A., Brachistochrone approach to the relaxation dynamics of complex hierarchical systems 272 (1999) 188
Ausloos, M., *see* Ivanova, K. 272 (1999) 269

Barabási, A.-L., Albert, R. and Jeong, H., Mean-field theory for scale-free random networks 272 (1999) 173
Bengrine, M., Benyoussef, A., Mhirech, F. and Zhang, S.D., Disorder-induced phase transition in a one-dimensional model of rice pile 272 (1999) 1
Benyoussef, A., *see* Bengrine, M. 272 (1999) 1
Bigalke, J., Investigation of the conductivity of random networks 272 (1999) 281
Bilge, A., *see* Absil, P.-A. 272 (1999) 235
Bénichou, O., Cazabat, A.M., Moreau, M. and Oshanin, G., Directed random walk in adsorbed monolayer 272 (1999) 56
Byrnes, G.B., Haggar, F.A. and Quispel, G.R.W., Sufficient conditions for dynamical systems to have pre-symplectic or pre-implectic structures 272 (1999) 99

Cazabat, A.M., *see* Bénichou, O. 272 (1999) 56
Chukin, A.V., *see* Skryabin, Y.N. 272 (1999) 162
Cubero, O., *see* Alfaro, J. 272 (1999) 314

Daffertshofer, A., *see* Frank, T.D. 272 (1999) 497
Dahler, J.S., *see* Altenberger, A.R. 272 (1999) 22
Davis, A.B., *see* Ivanova, K. 272 (1999) 269
Davydov, L.N., *see* Abyzov, A.S. 272 (1999) 459
Donangelo, R., *see* Abal, G. 272 (1999) 87

Eddeqaqi, N.C., Saber, M., El-Atri, A. and Kerouad, M., Phase diagram of spin-1 Ising model in a transverse crystal field 272 (1999) 144
El-Atri, A., *see* Eddeqaqi, N.C. 272 (1999) 144

Fernandez, J. and Plastino, A., Evolutive information contained in frequency spectra 272 (1999) 223
Ferreira Jr., S.C., Martins, M.L. and Vilela, M.J., A growth model for primary cancer (II). New rules, progress curves and morphology transitions 272 (1999) 245
Frachebourg, L., *see* Gruber, Ch. 272 (1999) 392

Frank, T.D. and Daffertshofer, A., Nonlinear Fokker–Planck equations whose stationary solutions make entropy-like functionals stationary 272 (1999) 497
Frenkel, D., *see* Hagen, M.H.J. 272 (1999) 376
Fuentes, M.A., Kuperman, M.N. and Wio, H.S., Convergence in reaction–diffusion systems: an information theory approach 272 (1999) 574

Gomes, M.A.F., *see* Oliveira, V.M. 272 (1999) 294
Gérard, P., *see* Absil, P.-A. 272 (1999) 235
Gruber, Ch. and Frachebourg, L., On the adiabatic properties of a stochastic adiabatic wall: Evolution, stationary non-equilibrium, and equilibrium states 272 (1999) 392

Hagen, M.H.J., Frenkel, D. and Lowe, C.P., Rotational diffusion in dense suspensions 272 (1999) 376
Haggar, F.A., *see* Byrnes, G.B. 272 (1999) 99
Hess, S. and Mansour, M.M., Temperature profile of a dilute gas undergoing a plane Poiseuille flow 272 (1999) 481

Ivanova, K., Ausloos, M., Davis, A.B. and Ackerman, T.P., Atmospheric data analysis with the *i*-variability diagram method: hint to fractional Brownian motion-like phenomena for the inner structure of clouds 272 (1999) 269

Jeong, H., *see* Barabási, A.-L. 272 (1999) 173
Jin, Z.-Z., *see* Zhang, W.-B. 272 (1999) 12

Kaneyoshi, T., Mixed spin transverse Ising models; a cluster theory 272 (1999) 545
Kerouad, M., *see* Eddeqaqi, N.C. 272 (1999) 144
Kitamura, T., A quantum field theory of thermal conductivity near the liquid-glass transition 272 (1999) 330
Kuperman, M.N. and Wio, H.S., Front propagation in epidemiological models with spatial dependence 272 (1999) 206
Kuperman, M.N., *see* Fuentes, M.A. 272 (1999) 574

Lowe, C.P., *see* Hagen, M.H.J. 272 (1999) 376
Luban, M., *see* Mentrup, D. 272 (1999) 153

Malo, B.M., *see* Rżysko, W. 272 (1999) 130
Mansour, M.M., *see* Hess, S. 272 (1999) 481
Martins, M.L., *see* Ferreira Jr., S.C. 272 (1999) 245
Mchedlov-Petrosyan, P.O., *see* Abyzov, A.S. 272 (1999) 459
Mentrup, D., Schnack, J. and Luban, M., Spin dynamics of quantum and classical Heisenberg dimers 272 (1999) 153
Mhirech, F., *see* Bengrine, M. 272 (1999) 1
Moreau, M., *see* Bénichou, O. 272 (1999) 56
Morita, T., *see* Tanaka, T. 272 (1999) 555

Nagatani, T., Jamming transition of high-dimensional traffic dynamics 272 (1999) 592
Nguyen, S. and Turski, Ł.A., Canonical description of incompressible fluid: Dirac brackets approach 272 (1999) 48

Ohtaki, M., *see* Sakaguchi, H. 272 (1999) 300
Oliveira, V.M. and Gomes, M.A.F., Loose-rigid transition in 3d packing of spheres 272 (1999) 294
Oshanin, G., *see* Bénichou, O. 272 (1999) 56

Patsahan, O.V., On the microscopic theory of phase transitions in binary fluid mixtures 272 (1999) 358
Pizio, O., *see* Rżysko, W. 272 (1999) 130

Plastino, A., *see* Fernandez, J. 272 (1999) 223
Puoskari, M., Calculation of the entropy for simple classical fluids 272 (1999) 509

Quispel, G.R.W., *see* Byrnes, G.B. 272 (1999) 99

Romanelli, A., *see* Abal, G. 272 (1999) 87
Rossani, A. and Spiga, G., A note on the kinetic theory of chemically reacting gases 272 (1999) 563
Rżysko, W., Malo, B.M., Sokołowski, S. and Pizio, O., Phase behavior of a two-dimensional quenched–annealed lattice gas with nearest-neighbor attraction. Grand canonical Monte Carlo simulation 272 (1999) 130

Saber, M., *see* Eddeqaqi, N.C. 272 (1999) 144
Sakaguchi, H. and Ohtaki, M., A coupled map lattice model for dendritic patterns 272 (1999) 300
Schifino, A.C.S., *see* Abal, G. 272 (1999) 87
Schmelzer, J., *see* Abyzov, A.S. 272 (1999) 459
Schnack, J., *see* Mentrup, D. 272 (1999) 153
Sepulchre, R., *see* Absil, P.-A. 272 (1999) 235
Shchanov, A.V., *see* Skryabin, Y.N. 272 (1999) 162
Siepmann, J.I., *see* Altenberger, A.R. 272 (1999) 22
Siri, R., *see* Abal, G. 272 (1999) 87
Skryabin, Y.N., Chukin, A.V. and Shchanov, A.V., Quantum phase transition in disorder antiferromagnet with hidden degrees of freedom 272 (1999) 162
Slanina, F. and Zhang, Y.-C., Capital flow in a two-component dynamical system 272 (1999) 257
Sánchez, A.D. and Wio, H.S., Kinetics of coupled bimolecular diffusion-limited reactions 272 (1999) 429
Sokołowski, S., *see* Rżysko, W. 272 (1999) 130
Spiga, G., *see* Rossani, A. 272 (1999) 563

Tanaka, T. and Morita, T., First-order phase transition in cubic ice 272 (1999) 555
Tian, D.-C., *see* Zhang, W.-B. 272 (1999) 12
Turski, Ł.A., *see* Nguyen, S. 272 (1999) 48

Urrutia, L.F., *see* Alfaro, J. 272 (1999) 314

Vandewalle, N., Phase segregation and avalanches in multispecies sandpiles 272 (1999) 450
Vilela, M.J., *see* Ferreira Jr., S.C. 272 (1999) 245

Wio, H.S., *see* Kuperman, M.N. 272 (1999) 206
Wio, H.S., *see* Sánchez, A.D. 272 (1999) 429
Wio, H.S., *see* Fuentes, M.A. 272 (1999) 574

Zhang, S.D., *see* Bengrine, M. 272 (1999) 1
Zhang, W.-B., Zou, X.-W., Jin, Z.-Z. and Tian, D.-C., Structure and growth of the cluster in gas–liquid transition of two-dimensional fluid 272 (1999) 12
Zhang, Y.-C., *see* Slanina, F. 272 (1999) 257
Zou, X.-W., *see* Zhang, W.-B. 272 (1999) 12